BRUHAT BENGALURU MAHANAGARA PALIKE
EXECUTIVE ENGINEER (ELECRICALS) DASARAHALLI ZONE
Schedule -B

Indent Number:BBMP/2021-22/EL/WORK_INDENT49721

Name Of Work:Replacement of Burntout UG Cable,Panels boards and its accessories coming under Dasarahalli Zone Ward 12,13,14,15

Rates Quoted by Contractor Chethan C (CHETHAN ENTERPRISES)

Sl.No	Item Name	Unit	Estimate Quantity	In Figures (Rs.)	In Words (Rs.)
	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate material delivering superior light output Rated life burning Hrs 50000 hr @ Lumen Maintenance of 70% maximum light intensity should be between 60 degrees to 70 degrees CCT > 5500K IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08 Power Factor >0.9 with mains. Surge Protection- Min 5KV along with Over voltage/Overload, short circuit/ miss wiring protection Compatible for pole mouting with outer dia of 40mm to 50mm Universal voltage driver to operate wide voltage range from 230V to 240V 50-60Hz application Compliance to IS 10322/IEC 60598 LM 79 & LM 80 Adherence with RoHS UL approved MCPCB Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools LED Light fixture with W System Power consumption LED Efficiency>130lm/w nominal CRI >75 Luminaire manufacturer should have in house facility accredited by NABL /CPRI & any Government certified Testing & Design & Development facility certified by ISO 9001 2008 Housing with supplier word mark: /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer&Cree/Nichia/Lumileds/Osram make LED Source LED Streetlight 25watts	Nos	60	1380	Rupees One thousand, three hundred eighty
	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated PVC extruded Inner sheath armoured UG LT cable as per IS 1554 (Part 1) or IS 7098 Part-1. Armouring strip thickness in Average +5% and resistivity 14 Ohms/Kms (Max) as per IS 3975 4 core 16 sqmm	Mtr	500	112.5	Rupees One hundred twelve and five Paisa Only
	Digging of trench of 0.6 m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc complete (As per Ref SR KSHBEL-2 P-7) a) In soil (ordinary)	Mtr	500	57	Rupees Fifty seven Only
	Labour charges for laying of 1.1 KV class UG cable in existing 150mm GI pipe / stoneware pipe / on wall / on pole as required. In existing trench/duct.6 sqmm to 16 sqmm	Mtr	500	8.91	Rupees Eightand nine one Paisa Only
	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694 confirming to latest amendments Materials b)1.5 sqmm	Mtr	129	15.38	Rupees Fifteen and Thirty Eight Only
	[illegible]	Mtr	27	52.5	Rupees Fifty two and five Paisa Only
	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc complete with AC-3 Rating and as per IS-13947 d) 60 Amps	Nos	9	3150	Rupees Three thousand, one hundred fifty
	Supplying and fixing miniature circuit breaker on existing MCB distribution boards usingnecessary materials and C Type Characteristics ON/OFF indication Class 3 with Short circuit breaking capacity of [illegible] complete wiring as required confirming to IEC 60898 Amp 4p	Nos	9	681.75	Rupees Six hundred eighty one and seventy five Only

For CHETHAN ENTERPRISES

Proprietor

Executive Engineer (Ele)
Bruhath Bangalore Mahanagara Palike

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Process	Task Details				
	Supplying and fixing angle iron frame work fabricated out of MS angle from And M S flat with bolts, washers etc, and painted with two coats of red oxide and then two coats of approved paint 600X400X6mm	Mtr	24	191 25	Rupees One hundred ninety one Twenty Five Paisa Only
10	Fabricating supplying and mounting MS box made out SWG suitable for floor/wall mounting fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size cellamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal pain etc complete b)16 swg	Sqcm	100000	0 26	two sixTwenty Six Paisa Only
11	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers 63Amps	Nos	17	170 25	One hundred seventy and Twenty Five Only
12	Supplying and fixing Microprocessor Based Astronomical timer Switch with using necessary bolts, nuts and washers	Nos	8	3000	RupeesThree thousand, Only

Executive Engineer (Ele)
Dasarahalli Zone.
Bruhat Bengaluru Mahanagara Palike.

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